

light beam deflector assembly that is includable in the fiber optic  
5 switching module, positionable along the optical path, and also  
free of light beam deflectors.

37. (Amended) The light beam deflector assembly of claim 35  
wherein the integrated circuits include amplifiers that receive  
electrical signals which indicate light beam deflector orientation.

38. (Amended) The light beam deflector assembly of claim 37  
wherein each light beam deflector fixed to said substrate (212) is  
supported for rotation by hinges which include at least one torsion  
sensor for sensing light beam deflector orientation, the torsion  
5 sensors of said light beam deflectors supplying the electrical  
signals to at least one amplifier included in the light beam  
deflector assembly.

3 43. (Amended) The light beam deflector assembly of claim 42  
wherein an edge of the light beam deflector assembly that is free  
of light beam deflectors is juxtaposable with an edge of another  
light beam deflector assembly that is includable in the fiber optic  
5 switching module, positionable along the optical path, and also  
free of light beam deflectors.

4 73. (Amended) The flip-chip light beam deflector assembly of  
claim 71 wherein the integrated circuit includes an amplifier that

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receives an electrical signal which indicates light beam deflector orientation.

74. (Amended) The flip-chip light beam deflector assembly of claim 73 wherein said light beam deflector fixed to said substrate (212) is supported for rotation by hinges which include at least one torsion sensor for sensing light beam deflector orientation,  
5 the torsion sensor of said light beam deflector supplying the electrical signal to at least one amplifier.

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